

Table of Contents

1. Introduction	1
1.1 Purpose of Information Packet	1
1.2 Scoping Meetings/Review Comments	4
1.3 Studies and Evaluation of Alternatives	4
1.4 Future Procedures	4
2. Planning Basis and Need for the Proposed Action	5
2.1 Population, Land Use, and Development	5
2.1.1 Population	5
2.1.2 Land Use	6
2.2 Existing Traffic Volumes	6
2.3 Future Traffic Projections	8
2.4 Condition of Existing Roadway and Bridges	10
2.4.1 Roadway Deficiencies	10
2.4.2 Horizontal Alignment	10
2.4.3 Vertical Clearance and Alignment	10
2.4.4 Stopping Sight Distance	14
2.4.5 Cross Section	14
2.5.6 Ramp Exit and Entrance Design	14
2.5.7 Ramp Spacing	14
2.5 Physical Condition of Bridges	14
2.6 Safety	15
3. Alternatives Under Consideration	17
3.1 The No Build Alternative	17
3.2 Mass Transit	17
3.3 Transportation System Management and/or Transportation Demand Management	18
3.4 High-Occupancy Vehicle (HOV) Lane	18
3.5 I-75 Improvements	19
3.5.1 Lane Additions	19
3.5.2 Interchange Reconstruction	21
3.5.3 I-696 Interchange	21
3.5.4 12 Mile and 14 Mile Road Interchanges	22

Table of Contents

4. Preliminary Issues Analysis	23
4.1 Relocations	23
4.2 Noise	25
4.3 Air Quality	25
4.4 Wetlands	25
4.5 Drainage	27
4.6 Indirect (Secondary) and Cumulative Impacts	27
4.7 Traffic Management	28
4.8 Safety	28
4.9 Economic Effects on Local Communities	28
4.10 Community Cohesion/Special Groups/Environmental Justice	28
4.11 Surface Water Impacts	28
4.12 Cultural Resources	29
4.13 Threatened/Endangered Species	29
4.14 Flood Hazard	29
4.15 Hazardous Materials	29
4.16 Utility Systems	30
4.17 Section 4(f)/6(f) Lands	30

Appendix

3070\wp\reports\scopingdocument\

List of Figures

Figure 1-1	I-75 Existing Number of Lanes, Median Condition and Depressed Area	2
Figure 1-2	Preliminary Focus Area	3
Figure 2-1	Existing (2002) Level of Service	7
Figure 2-2	Future (2025) Level of Service No Build	9
Figure 3-1	Typical Sections of I-75	20
Figure 4-1	Proposed I-75 Widening 9 Mile to Browning	24
Figure 4-2	Proposed I-75 Widening Brockton to Greg	26

List of Tables

Table 2-1	Existing (2002) PM Peak Hour Traffic Volumes and LOS for I-75	6
Table 2-2	2025 PM Peak Hour Traffic Volumes and LOS for I-75 No Build	8
Table 2-3	I-75 Roadway Features that Do Not Meet Modern Standards	11
Table 2-4	Bridge Conditions	15
Table 2-5	Average Annual Crashes by Segment for I-75	16